

*Stated Meeting, September 6, 1889.*

Present, 2 members.

Dr. HORN in the Chair.

Correspondence was submitted as follows: Letters accepting membership from Andrew A. Blair (May 21, 1889), Henry D. Gregory (May 20, 1889), Philadelphia; Lester F. Ward (June 1, 1889), Washington, D. C.; Paul Hunfalvy (May 10, 1889), Buda-Pesth.

Circular from Royal Society, New South Wales, announcing premiums for 1889, 1890 and 1891.

Circular from Gen. C. W. Darling, Utica, N. Y., in reference to a projected work on "The more Important Versions of the Bible."

Circular from Dr. R. H. Lamborn, New York City, N. Y., in reference to the destruction of mosquitoes and houseflies by artificial propagation of the dragon fly.

Circular from Rothery, Davis & Co., Philadelphia, offering for sale a collection of antique pottery.

Letter from Prof. Steiner, Darmstadt, in reference to Pasilengua and the proposed Congress to be called by the American Philosophical Society.

A letter from the Anthropological Society, Washington, requesting exchanges, which was so ordered.

A letter from the President of the Society reporting the appointment of Dr. Hays to prepare the obituary notice of Dr. Gross, and enclosing his acceptance of the same.

A letter from Mr. Robert Patterson in reference to the obituary notice of Franklin Peale, read by himself before the Society, December 16, 1870 (Proceedings, xi, 597).

Letters of envoy were received from the Institut Egyptien, Cairo, Egypt; Mining Department, Melbourne, Victoria; Royal Society of New South Wales, Sydney, N. S. W.; Survey of India, Calcutta, India; Observatoire Physique Central, St. Petersburg, Russia; Naturforschende Verein, Brünn,

Austria ; K. B. Gesellschaft der Wissenschaften, Prag, Bohemia ; K. P. Meteorologische Institut, Berlin, Prussia ; Verein für Chemnitzer Geschichte, Chemnitz, Saxony ; K. Leopoldinisch-Carolinische Akademie, Halle a. S., Prussia ; Vogtländische Alterthumsforschende Verein, Hohenleuben, Saxony ; Physikalisch-Medicinische Societät, Erlangen, Bavaria ; K. Sächsische Gesellschaft der Wissenschaften, Leipzig, Saxony ; Gesellschaft zur Beförderung der Gesammten Naturwissenschaften, Marburg, Prussia ; Société de Physique et d'Histoire Naturelle, Geneva, Switzerland ; Académie R. des Sciences, Amsterdam, Netherlands ; Fondation de P. Teyler van der Hulst, Harlem, Holland ; Académie Royale des Sciences, etc., de Belgique, Bruxelles, Belgique ; Musée Guimet, Ecole Polytechnique, Paris, France ; Royal Statistical Society, Meteorological Office, London, Eng. ; Radcliffe Observatory, Oxford, Eng. ; Museum of Comparative Zoölogy, Cambridge, Mass. ; Prof. Edward North, Clinton, N. Y. ; Observatorio Nacional Argentino, Cordoba, S. A.

Letters of acknowledgment were received from the New Zealand Institute, Wellington, N. Zeal. (128) ; South African Philosophical Society, Cape Town (126, 127) ; Imperial Academy, Physical Central Observatory, Prof. Serge Nikitin, St. Petersburg, Russia (128) ; Tashkent Observatory, Tashkent, Russia (128) ; Prof. Paul Hunfalvy, Buda-Pesth, Hungary (127, 128) ; Accademia degli Agiati, Rovereto, Austria (128) ; K. K. Geologische Reichsanstalt, Profs. Frederick Müller, Edward Suess, Vienna, Austria (128) ; Naturforschende Gesellschaft des Osterlandes, Altenberg, Germany (128) ; "Naturwissenschaftliche Wochenschrift," Berlin, Germany (128) ; Naturforschende Gesellschaft, Emden, Germany (128) ; Naturwissenschaftliche Verein des Regierungs-Bezirks Frankfurt a. O. (128) ; Naturforschende Gesellschaft, Freiburg i. B. (128) ; Oberhessische Gesellschaft für Natur- und Heilkunde, Giessen, Germany (128) ; Verein für Thüringische Geschichte und Alterthumskunde, Jena, Germany (128) ; Verein für Naturkunde, Offenbach a. M. (128) ; Verein für Vaterländische Naturkunde in Württemberg, Stuttgart, Germany (127, 128) ;

Dr. Henri de Saussure, Prof. Carl Vogt, Geneva, Switzerland (128); Académie R. Danoise des Sciences et des Lettres, Prof. Japetus Steenstrup, Copenhagen, Denmark (128); Académie Royale des Sciences, Amsterdam, Neth. (124, 125, 126); K. Zoologisch Genootschap, Amsterdam, Neth. (128); R. Zoölogical and Botanical Society at the Hague, Holland (128); Fondation de P. Teyler van der Hulst, Harlem, Holland (128); Maatschappij der Nederlandsche Letterkunde, Leiden, Holland (125, 126); R. Museum van Oudheiden, Leiden, Holland (128); Prof. Giovanni Capellini, Bologna, Italy (128); Biblioteca N. C., Florence, Italy (128); R. Istituto Lombardo, Milan, Italy (128); Prof. Giuseppi Sergi, Rome, Italy (128); Royal Observatory, Turin, Italy (128); Société Linnéenne, Bordeaux, France (126, 127, 128); Literary and Philosophical Society, Manchester, Eng. (128); Wyoming Historical and Geological Society, Wilkes-Barre, Pa. (128); Smithsonian Institution, Washington, D. C. (127, 128); Washburn College, Topeka, Kans. (125); Mr. Everard F. im Thurn, British Guiana (128).

Acknowledgments for 129: Philosophical Society, Cambridge, Eng.; Royal Statistical, Astronomical, Meteorological Societies, Victoria Institute, Royal Institution, Geological, Zoölogical Societies, Dr. B. W. Richardson, London, Eng.; Sir Richard Owen, Richmond Park, Surrey, Eng.; Royal Observatory, Edinburgh, Scotland; Mr. Horatio Hale, Clinton, Ontario; McGill College, Montreal; Geological and Natural History Survey, Ottawa, University of Toronto, Canadian Institute, Toronto, Canada; Botanical Society of Canada, Halifax, N. S.; Society of Natural History, Portland, Maine; Prof. C. H. Hitchcock, Hanover, N. H.; New Hampshire Historical Society, Concord, N. H.; Amherst College, Amherst, Mass.; American Academy of Arts and Sciences, Boston Society of Natural History, State Library of Massachusetts, Public Library, Athenæum, American Statistical Association, Mr. S. P. Sharples, Hon. Robert C. Winthrop, Boston, Mass.; Harvard College, Museum of Comparative Zoölogy, Messrs. Joseph Lovering, Robert N. Toppan, J. D. Whitney,

Cambridge, Mass.; Mr. James P. Francis, Lowell, Mass.; Free Public Library, New Bedford, Mass.; Dr. Pliny Earle, Northampton, Mass.; Essex Institute, Salem, Mass.; American Antiquarian Society, Worcester, Mass.; Rhode Island Historical Society, Brown University, Providence Franklin Society, Providence, R. I.; Connecticut Historical Society, Hartford, Conn.; New Haven Colony Historical Society, Yale University, Profs. O. C. Marsh, W. D. Whitney, New Haven, Conn.; Prof. W. LeConte Stevens, Brooklyn, N. Y.; Buffalo Library, Buffalo Society of Natural Sciences, Buffalo, N. Y.; Profs. C. H. F. Peters, Edward North, Clinton, N. Y.; New York Hospital, Astor Library, Columbia College, Academy of Sciences, University of the City of New York, Historical Society, Drs. Joel Allen, J. S. Newberry, John J. Stevenson, Prof. Ogden N. Rood, New York, N. Y.; Vassar Brothers Institute, Poughkeepsie, N. Y.; Oneida Historical Society, Utica, N. Y.; United States Military Academy, West Point, N. Y.; Prof. Henry M. Baird, Yonkers, N. Y.; Mr. Isaac C. Martindale, Camden, N. J.; Prof. Henry Morton, Hoboken, N. J.; New Jersey Historical Society, Newark, N. J.; Prof. George H. Cook, New Brunswick, N. J.; Profs. Henry F. Osborn, Charles A. Young, Princeton, N. J.; Dr. Robert H. Alison, Ardmore, Pa.; Mr. Martin H. Boyè, Coopersburg, Pa.; Mr. M. H. Messchert, Douglassville, Pa.; Mr. Eckley B. Coxe, Drifton, Pa.; Professors Traill Green, J. W. Moore, Thomas C. Porter, Easton, Pa.; State Library, Mr. Andrew S. McCreath, Harrisburg, Pa.; Prof. Lyman B. Hall, Haverford, Pa.; Mr. A. Pardee, Hazleton, Pa.; Mr. John Fulton, Johnstown, Pa.; Linnean Society, Lancaster, Pa.; Academy of Natural Sciences, College of Physicians, Mercantile Library, Engineers' Club, Pennsylvania Hospital, Historical Society, Numismatic and Antiquarian Society, Library Company of Philadelphia, Wagner Free Institute, Messrs. John Ashhurst, R. Meade Bache, Cadwalader Biddle, Andrew A. Blair, William Blasius, Geo. D. Boardman, W. G. A. Bonwill, Arthur E. Brown, Henry C. Chapman, C. H. Clark, Thomas M. Cleemann, Samuel Dickson, J. M. DaCosta,

Patterson DuBois, F. A. Genth, F. A. Genth, Jr., Fred. Graff, H. D. Gregory, Lewis M. Haupt, Angelo Heilprin, Inman Horner, Wm. W. Jefferis, G. deB. Keim, A. S. Letchworth, Morris Longstreth, Geo. R. Morehouse, F. A. Mühlberg, Isaac Norris, Jr., Charles A. Oliver, Robert Patterson, H. Pemberton, C. N. Peirce, W. Pepper, Henry Phillips, Jr., Franklin Platt, Theo. D. Rand, Wm. B. Rogers, W. S. W. Ruschenberger, L. A. Scott, Coleman Sellers, Aubrey H. Smith, W. P. Tatham, H. Clay Trumbull, Wm. H. Wahl, Joseph Wharton, W. P. Wilson, Richard Wood, Theo. G. Wormley, Philadelphia, Pa.; John F. Carll, Pleasantville, Pa.; P. W. Sheaffer, Heber S. Thompson, Pottsville, Pa.; George W. Anderson, Rosemont, Pa.; Lackawanna Institute of History and Science, Scranton, Pa.; M. Fisher Longstreth, Sharon Hill, Pa.; Philosophical Society, Wm. Butler, West Chester, Pa.; Wyoming Historical and Geological Society, Wilkes-Barrè, Pa.; William M. Canby, Wilmington, Del.; U. S. Naval Institute, Annapolis, Md.; Johns Hopkins University, Maryland Institute, Maryland Historical Society, Peabody Institute, Baltimore, Md.; U. S. Geological Survey, Library of the Surgeon-General's Office, U. S. Naval Observatory, Smithsonian Institution, Signal Office U. S. Coast and Geodetic Survey, Messrs. S. F. Emmons, Thomas J. Lee, Garrick Mallery, M. C. Meigs, C. V. Riley, Charles A. Schott, Wm. B. Taylor, Washington, D. C.; Virginia Historical Society, Richmond, Va.; University of Virginia, Leander McCormick Observatory, Prof. J. W. Mallet, University of Virginia, Va.; Elliott Society of Science and Art, Charleston, S. C.; University of South Carolina, Columbia, S. C.; Georgia Historical Society, Savannah, Ga.; Cincinnati Observatory, Prof. J. M. Hart, Cincinnati, O.; Prof. Leo Lesquereux, Columbus, O.; Denison University, Granville, O.; Rev. Henry S. Osborn, Oxford, O.; Michigan State Library, University of Michigan, Profs. Henry S. Frieze, Alexander Winchell, Ann Arbor, Mich.; Dr. Robert Peter, Lexington, Ky.; Athenæum, Columbia, Tenn.; Prof. Daniel Kirkwood, Bloomington, Ind.; Prof. J. L. Camp-

bell, Crawfordsville, Ind.; Chicago Historical Society, Chicago, Ill.; Davenport Academy of Natural Sciences, Davenport, Ia.; State Historical Society of Wisconsin, Madison, Wis.; Colorado Scientific Society, Denver, Colo.; Washburn College, Topeka, Kans.; California Academy of Sciences, San Francisco, Cal.; University of California, Profs. John and Joseph LeConte, Berkeley, Cal.; Observatorio Astronómico Nacional Mexicano, Mexico, Mex.

Accessions to the Library were announced from the Institut Egyptien, Cairo; K. B. Gesellschaft der Wissenschaften, Prag; Accademia degli Agiati, Rovereto; K. K. Central Anstalt für Meteorologie, Wien; Physikalische Gesellschaft, K. P. Meteorologische Institut, Berlin; P. Steiner, Darmstadt; Physikalisch-Medicinische Societät, Erlangen; Naturforschende Gesellschaft, Freiburg i. B.; Verein für Lübeckische Geschichte und Alterthumskunde, Lübeck; Verein für Vaterländische Naturkunde in Württemberg, Stuttgart; F. v. Sandberger, Wiesbaden; Société de Physique et d'Histoire Naturelle, Geneva; Schweizerische Naturforschende Gesellschaft, Solothurn; Academie Royale, Société Royale des Antiquaires du Nord, Copenhagen; Aug. Nilson, Gefle; Musée Teyler, Harlem; Friesch. Genootschap van Geschied, Oudheid en Taalkunde, Leeuwarden; Maatschappij de Nederlandsche Letterkunde, Leiden; K. Zoologisch-Botanische Genootschap, 'S-Gravenhage; Académie R. des Sciences, etc., Bruxelles; Damiano Muoni, Milan; Société d'Anthropologie, Ecole Polytechnique, Paris; Académie N. des Sciences, etc., Caen; R. Cornwall Polytechnic Society, Falmouth; Philosophical and Literary Society, Leeds; Society of Antiquaries, Linnean Society, London; Natural History and Antiquarian Society, Penzance; Royal Dublin Society, Dublin; Mr. Horatio Hale, Clinton, Ont.; Royal Society of Canada, Montreal; Yale University, New Haven; Rev. Chas. G. Ames, Boston; Museum of Comparative Zoölogy, Cambridge; Mr. W. J. Potts, Camden; Natural History Society, Trenton; Franklin Institute, Messrs. W. G. A. Bonwill, Henry Phillips, Jr., Philadelphia; War Department, Gen. M. C. Meigs, Washington, D. C.

A fine photograph of the great elm tree on the "Dundas Estate," north-east corner of Broad and Walnut streets, said to be the oldest tree in the city, was presented by Miss Emily Phillips.

The Committees on Codex Poinsett and on Centennial Celebration reported progress, and were continued indefinitely.

The decease of the following members was announced to the Society :

Miss Maria Mitchell, b. Aug. 1, 1818, d. June 28, 1889, Poughkeepsie, N. Y.

M. Louis G. DeKoninck, Liege, Belgium.

Rev. Theodore Dwight Woolsey, b. Oct. 31, 1801, d. July 1, 1889, President of Yale College, New Haven, Conn.

Prof. Elias Loomis, b. 1811, d. Aug. 15, 1889, New Haven, Conn.

Prof. Osborn presented for the Transactions a paper on the "Evolution of the Ungulate Foot," which was referred to a committee to be appointed by the President, to examine and report upon. The President subsequently appointed Messrs. Brinton, Phillips and Horn as such Committee.

Mr. Phillips stated that the *Physa heterostropha*, whose reappearance he had mentioned to the Society on April 5, 1889, had disappeared in the first week of June, at about the same period as last year.

Pending nomination No. 1184 was read.

And the Society was adjourned by the presiding member.

*Stated Meeting, September 20, 1889.*

Present, 2 members.

DR. HORN in the Chair.

The following correspondence was submitted: A letter from the Canadian Institute, Toronto, Canada, dated Sept. 5, 1889, accepting the Society's invitation to an International Congress for the purpose of forming a universal language.